THE PATENT GALVANIZED IRON.

TUPPER and CARR,
Owners of Crittall's Patents, and Successors to
THE GALVANIZED IRON COMPANY,
supply patent Galvanized Sheets, plain or corrugated, for roofing &c. Water or Gas Pipes, Guttings, Wire of all gauges, Guttering, Hooping, &c. Wholesale, retail, and for export.

Estimates free.

WORKS—HILLWALL and BIRMINGHAM.
LONDON OFFICE, 2, MANSION-HOUSE PLACE.

IRON BUILDING and ROOFING WORKS,

BIRMINGHAM, late of Southwark.
JOHN H. PORTER.

Manufacturer of the Corrugated and other kinds of Iron Roofing for railway stations, carriage sheds, farm buildings, gas-works, warehouses, factories, &c. &c.

PATENTEE
Of the Corrugated Iron Beams, Girders, and Fire-proof Floors.

THE CORRUGATED and GALVANIZED IRON ROOF,

PORTABLE BUILDING, AND
NASMYTH'S PATENT FLOORING, ROOFING, AND GIRDER WORKS,
Offices, 63, Grosvenor-street.

JOHN WALKER, one of the Patentees of Corrugated Iron, calls the attention of Architects, Engineers, &c., to his List of Prices, which, consistently with good workmanship, are extremely low.

Models of the various Iron Flooring, corrugated or twisted; also, drawings of roofs, on peculiar principles, may be had on application.

Drawings of the iron lighthouse spoken of in the *Times* and other papers (see the *Exponent* for February 8th), may be seen by application.

References to firms of the highest class can be given.

NASMYTH'S PATENT

WROUGHT-IRON Fire-proof Flooring.

JOHN WALKER, Sole Manufacturer and Licensee.
Offices, 63, Grosvenor-street.

FIRE-PROOF FLOORS.

The late lamentable accident in Grosvenor-street serves to prove that where cast-iron is the foundation on which floors, &c. are made, much depends on the manner in which it is. This has been John Walker's earnestly solicit the attention and inspection of Architects, Engineers, &c. to Mr. G. NASMYTH'S PATENT FLOORING, of which J. W. is the sole licensee and manufacturer. The material is wrought iron, and therefore not subject to sudden fracture, as cast-iron is—and wood is not introduced.

Descriptive pamphlets may be had, models may be seen, and every information obtained, at JOHN WALKER'S OFFICES, 63, Grosvenor-street.

MANUFACTURER OF CORRUGATED IRON.

THE PATENT GALVANIZING and CORRUGATING WORKS,

Glass-house Yard (opposite the London Docks). Offices—15, Crosse, Minories. JOHN SYMONDS and CO., the Proprietors, having made considerable improvements in the process of Galvanizing Iron enables to any extent on the shortest notice, and in a manner hitherto unexpected, Iron Sheets, plain or corrugated, for Iron Houses, Sheds, Railway Stations, &c., fixed if required; Wire, Piping, Guttering, &c. &c., for Home use and Exportation. Goods sent for and returned, free of charge, within three miles of the City; and all light goods received by 9 a.m. will be returned the same day if required. A Discount allowed to the Trade.

LIGHTNING CONDUCTORS.—

R. S. NEWALL and CO. Patentees of the Copper Rope Lightning Conductor, beg to inform the nobility, clergy, &c. that they supply Lightning Conductors, with the point and all angles complete for fixing, at one shilling the foot, whatever the altitude of the building required, and in the best manner.

R. S. NEWALL and CO.'S Patent Copper Rope Conductor is being used by architects, engineers, and scientific men in all parts of the kingdom.

References can be permitted to Mr. Trimen, of the Adelphi; Mr. James Mitchell, of Leicester.—Office and Warehouse, 130, Strand, London.

WIRE NETTING and WINDOW BLIND MANUFACTORY.

To her Majesty's Honourable Board of Ordnance, and the Honourable East India Company.—Wire Netting, 1d. per square foot; Galvanized ditto, requiring no paint, 2d.; Wire Blinds, in mahogany frames, and bolts, complete, 1s. 1d. per foot; Zinc ditto, 1s. 6d. per foot; Venetian, 2s. per foot; Hotland, Transparent, and Window Blinds of all kinds. Old blinds repaired, repainted, and cleaned upon. Wire work for flower trellises, garden arches, tents, pheasantries, aviaries, and fowl houses of every description of pattern. Iron and sawney cradles, and every article in iron and wire, at THOMAS HENRY POPE'S CITY of LONDON WIRE WORKS, IRON FENCE, and WEAVING MANUFACTORY, 64, Chiswell-street, and 6 and 8, Sherborne-lane, London. Every information, with samples or specimens and illustrated catalogue, forwarded post free. Wove wire for paper-makers, millers, chemists, and for the East and West Indies.

PREVENTION of FIRES.—The attention

of those who are interested in building is earnestly invited to a

METHOD OF CONSTRUCTING THE
FLOORS, CEILINGS, & ROOFS OF HOUSES
ON AN IMPROVED FIRE-PROOF PRINCIPLE,
THE ADOPTION OF WHICH SECURES MANY
IMPORTANT ADVANTAGES,
AT A COST NOT GREATER THAN THAT OF THE COMMON MODE OF
BUILDING WITH TIMBER.

This most desirable object is obtained by the substitution of incombustible materials, chiefly iron and concrete, in the formation of the floors and roofs; thereby superseding the use of timber joists, &c., but retaining, or not, as may be desired, a finished boarded surface for the floors.

From the published investigations of the most competent authorities, it would appear that no beams in which timber joists are used to practically prevent from the danger of fire; but the walls of fireproof buildings yet introduced has been available for ordinary domestic buildings on account of the expense. This difficulty is now so entirely removed by the introduction of an improved mode of construction, that it is a simple matter of arrangement whether a building shall be fire-proof or not. Combined, indeed, with the nervous appearance of TIMBER FLOORS, the fire-proof method exhibits considerable economy, and the total cost of a building will be still further reduced when the roof is constructed on the improved fire-proof principle. The system, which has already thoroughly been proved in the practice by a trial of seventeen years; and it not only affords perfect security from the ravages of fire, but imparts greatly increased strength and durability to the building, together with freedom from the attacks of dry-rot, and from the annoyances of insects and vermin, for which there is no harbour.

For the object to which public attention is now so generally directed,—viz., the construction of improved dwellings for the labouring classes,—the system is especially suitable; for when it is considered that several hundred individuals will occasionally occupied under one roof, and in a building probably five or six stories high, it is fearful to contemplate the possibility of life when exposed to the events of fire.

The Fire-Proof Association, established for this object, have realised themselves of the advantages of this system in the construction of a large block of dwellings for sixty families, just completed in Spitalfields; and several large country houses, warehouses, private houses, dwelling-houses, offices, &c. are also either completed or in course of erection, indicating a wide and extensive appreciation of the advantages of this improved plan of building.

A pamphlet fully descriptive of the system, and all further information, may be obtained on application to the proprietors of the patent.

Messrs. FOX and BARRETT,
THAMES CHAMBERS, 13, YORK-BUILDINGS, ADELPHI.

TO BUILDERS AND THE TRADE.

CASTINGS, RAIN-WATER PIPE, GUTTERING, SASH WEIGHTS, &c.

Iron Rain-water Pipe	2	3	4	5	6 inch.
	8d.	10d.	1s. 1d.	1s. 4d.	per yard.
Half Round Gutter	3	4	5	6	inch.
	7d.	7½d.	9d.	10d.	per yard.

Sash-weights, 4s. per cwt. Air Bricks, 4s. 6d. per dozen.
Underground Pipe, 4s. 6d. per cwt.

A large stock of CASTINGS and WROUGHT-IRON WORK for BUILDING and other purposes at usually low prices, consisting of—

GIRDERS AND COLUMNS.	STENCH-TRAPS.
RAILING AND STAIRCASE BARS.	SKYLIGHTS.
BALCONIES AND BALCONETTS.	SASHES, WROUGHT AND CAST.
CANTILEVERS AND BRACKETS.	STOVES, ALL DESCRIPTIONS.
FURNACE BARS AND GRATINGS.	COPINGS FOR WALLS.
LAMP POSTS.	MANGERS.
PUMPS.	HAYRACKS.
GULE-HOLE PLATES AND SCRAPERS.	SUPPLY CISTERNS.
	FIRE-PROOF DOORS.
	TANKS, &c. &c. &c.

Every article in the trade kept in stock. An extensive assortment of patterns for both PLAIN and ORNAMENTAL CASTINGS, and every description of WROUGHT-IRON WORK.

ESTIMATES on application or by post.

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PAPER-HANGINGS at E. T. ARCHER'S

Manufactory for English, and Warehouse for English and French Paper-hangings, and all materials connected with the trade. The Panelled Decorations are fitted up on the walls of an extensive range of show rooms, giving at one view a drawing or dining-room furnished fit for execution.

LIST OF PRESENT PRICES.

Patented marbles, granite, and oak papers	1d. per yard.
Superior bed room papers	1d. "
Satin ground papers for best-rooms, drawing and dining rooms	2d. "
Flock papers on grounds, and grits on flock or oak	2d. "
Bronze drawing-room papers	2d. "
Rich gold papers	1s. 2d. "
Dados and friezes	2s. 2d. "

15,000 feet of gilt mouldings always in stock.

E. T. ARCHER, 431, OXFORD-STREET, LONDON.
January 1, 1850.

PAPER HANGINGS.—R. HORNE,

PAPER-HANGING MANUFACTURER, 6, Gracechurch-street, City, invites builders and the trade to inspect his extensive stock of NEW DESIGNS in PAPER-HANGINGS, which, by the aid of powerful machinery, he is enabled to offer on the following prices, in stock quantities, for cash only, viz.:—

Stout lining paper		3d.
Superior ditto	4d. and 7d.	Pieces.
Red rump papers, in great variety	4d.	8d.
An excellent red paper	4d.	8d.
Writing room drabs, on blue and grounds	7d. to	8d.
Hand-made marbles	9d. to 1s.	6d.
Good satin papers	1s. 6d. to 2s.	6d.
Flock papers	2s. 6d. to 3s.	6d.
Hand-made granites	3d. to 1s.	6d.

Every novelty in French and English panelled decorations always on hand; also excellent imitation of fancy woods.

R. H. Patterns sent into the country, by post, showing the style and quality of the above, on receipt of two stamps, and the goods despatched with promptitude on receipt of a remittance to the amount of the order given.

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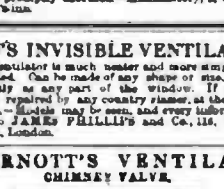
French and English.—Very many of the choicest patterns may now be had of Messrs. T. MARSH and CO.'s, commencing at 6d. per piece; satins, flock, and gold papers proportionably low: rich marbles, granites, and lining papers cheaper than any house in London. Shippers allowed the full drawback on English papers exported. Country free from the manufactory.—Shipping and country orders promptly executed.—Manufactory, 3, Great Queen-street, Lincoln's-inn.

DIXON'S INVISIBLE VENTILATOR.—

This Ventilator is much neater and more simple than any hitherto invented. Can be made of any shape or size, and can be cleaned as easily as any part of the window. If accidentally broken, can be repaired by any country plumber, at the cost only of a pane of glass.—Models may be seen, and every information had, by applying to JAMES PHILLIPS and Co., 116, Bishopsgate-street Without, London.

DR. ARNOTT'S VENTILATING CHIMNEY VALVE.



With internal action, and all the latest improvements.

Constructed for the ventilation of apartments generally.

REDUCED LIST OF PRICES—SUBJECT TO THE TRADE DISCOUNT.

	First size, 11 by 8.	Second size, 16 by 9
Plain Iron Valve	9 0	10 6
Bronzed and Leathered	10 6	12 6
Japanned, white with Gold lines	11 6	14 6
Ditto with Trellis-work	17 0	22 6
Brass Front, bead, or bronzed	13 6	19 6
Ditto with Trellis work	19 0	27 0

Ventilators of any description made to order.

Manufactured by HART and SONS, 65, 64, 63, Wych-street, Strand, London.—Post-office orders payable at 220, Strand.

MOORE'S PATENT LEVER VENTILATOR.

The principle of the LEVER VENTILATOR is simple and most effective, which will be seen by the accompanying Engraving, and its action is so contrived that no accident can occur to the Glass Louvres, nor is it in any way likely to get out of order. The whole of the Frame, Levers, and Louvres, are made of Brass, thereby preventing rust. It is suited to most forms of sashes, and to open and close with great facility, and can be regulated to any quantity of ventilation. Its action is produced by a line, which pulled, opens the Louvres, and, when loosed, closes air-tight. It takes less room than other Ventilators, and does not interfere with the appearance of the window. Much greater ventilation is obtained by the Louvres throwing outward, by which the air passes upwards, and is equally distributed over the whole of the apartment. Orders for Ventilators should give the right measure of the sash for which they are intended. A cheaper description of this Ventilator made for Churches, Chapels, Bed-rooms, Work-shops, &c. JOHN MOORE and SONS, Church, Turret, and House Clock Manufacturers, 28, & 29, Clerkenwell-close, London; Clock Makers to the Honourable Board of Ordnance, the Honour, Government, and the Emperor of China, &c.—A List of the Clocks made at the above Manufactory can be had either by post or otherwise.

REDUCED PRICES.—EDWARD

SIMMS, late William Cleave, of Wilson road, Pimlico Roads, begs to present Builders and the Trade that he has now on hand on his premises a large assortment of the best of the kind ever established, a very large Assortment of Dry and well-seasoned OAK and DEAL PREPARED FLOORING BOARDS and MATCH BOARDING of all sorts, from ¾ inch to 1½ inch thick, planed to a parallel width and thickness, and at greatly Reduced Prices. Also, Timber, as Oak Planks, Scantlings, Sash Sills, Mouldings prepared by Machinery, Laths, &c.—Apply at E. SIMMS'S late W. Cleave's, Flooring Manufactory, Wilson-road, Pimlico Roads.

PREPARED FLOORING.—ALFRED

BOSLING begs to call the attention of Builders and Consumers generally to his STOCK of BOARDS, prepared in the best possible manner, and fit for present use: their superiority to the floor-boards generally sold being sufficiently evinced by the greatly increased demand A. B. has experienced in addition to other every description of Baltic and other deals imported into the country at the lowest possible price consistent with fair trading; and begs to solicit the orders of those who have not as yet favoured him, feeling assured he can offer them advantages which they will appreciate.—Southwark-bridge Wharf, Bankside.

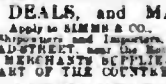
THOMAS ADAMS, MAHOGANY and

TIMBER MERCHANT, Bermondsey New road, near the Bricklayers Arms: ten minutes' walk from the London-bridge Station. T. A. continues to offer those who may favour him with their customers the following advantages:—In addition to a large SEASONED STOCK of FLOORING and MATCHED BOARDING, always kept under cover (the best way large drying sheds, at the LOWEST POSSIBLE PRICES, and he makes it a study to execute all orders with the greatest despatch and agreeable to the requirements of the parties as to quality and weight. Also he begs to state that the boards are measured after they are prepared. Mouldings from a very large stock. At for immediate cash, at reduced prices; a drawing of the patterns, with prices, forwarded on receipt of two penny stamps. A very extensive stock of Cast Deals of every description, kept under cover, at wholesale prices, and the sawing charged at reduced mill prices. Seasoning cut to order at per load. In fact, all wood goods either Foreign or English, and in every shape that can be required by Builders, cabinet makers, wheelwrights, &c. Every indulgement offered to cash buyers. All goods exceed whole number, delivered free within four miles. Great care taken to pack goods sent by railway.

N.B. English timber taken in exchange.

TIMBER, DEALS, and MAHOGANY.

Apply to SIMMS & CO.,
Shipowners and Importers,
73, OLD BROAD-STREET, near the Royal Exchange.
N.B.—TIMBER MERCHANTS SUPPLIED IN EVERY PART OF THE COUNTRY.



MUIR'S PATENT PLANING MACHINE.

SAW MILLS, GILLINGHAM-STREET, PIMLICO.

TIMBER of any size, PLANK, DEALS,

and BATTENS, &c., sawn on the most approved principle. Boards, &c., prepared, matched, and grooved, by Muir's Patent Machinery. The Mills have all the advantages of navigation and water-carriage, being connected with the Thames by the Grosvenor Canal. Goods fetched from the docks, and carted home free of charge.

Address to HENRY SOUTHAM,
Saw Mills, Gillingham-street, Pimlico.
N.B. Estimates given for Sawing and Planing.

THE GENERAL WOOD-CUTTING COMPANY, TIMBER WHARF,

SAWING, PLANING, AND MOULDING MILLS,
Belvedere-road, Lambeth, near Waterloo-bridge,

are prepared to supply timber and deals, &c., cut and sawn to any extent, at the current prices of the day. They keep a large stock of WELL-SEASONED FLOORING and MATCH BOARDS, which, being manufactured by themselves, they offer at the lowest remunerative profit. Their extensive saw mill will be found admirable for the purchasers of short timber, as it can be immediately cut and prepared to suit any purpose.

The Company beg leave to call the attention of the trade to their NEW MOULDING LIST, the largest ever published, and to state that, in addition to the numerous patterns therein described, their machinery enables them to execute every description of mouldings from drawings, &c., with an accuracy and despatch which must insure approbation.

The moulding list, containing nearly 200 diagrams, with prices attached, may be had at the company's mills, or shall be forwarded on receipt of eight postage stamps the amount of the postage thereon.

The company without previous preparation have obtained and delivered to the Great Exhibition fifty gothic mullion of such bars within ten days after receiving Messrs. Fox, Henderson, and Co.'s order, which these gentlemen have certified, and that the work was executed to their entire satisfaction.

TO PLASTERERS AND BUILDERS.

LATHS, 1l. 15s. per LOAD, CASH, at

H. ARUNDELL'S, Webber-street, Blackfriars-road.

MOULDINGS BY MACHINERY at

REDUCED PRICES. A list of sections of carefully finished mouldings, comprising all the most useful and approved designs, with the greatly reduced scale of prices attached, will be forwarded by post on receipt of a penny stamp. A large quantity always in stock ready for immediate use. Terms, Cash.—Apply to THOMAS ARCHBUTT and SON, Planing, Sawing, and Moulding Mills, Cambridge-street, Old St. Pancras-road, close to the goods terminus of the Great Northern Railway.

TIMBER PRESERVING COMPANY.—

LONDON WORKS and SAW-MILLS, DURHAM-WHARF, BOTHERHITHE.—This Company, in connexion with their works for the preservation of timber against dry or wet rot, &c., are prepared to undertake SAWING of every description on moderate terms. Their open-sea wharf affords every facility for receiving timber or deals from the docks for conveyance to others, to be converted and delivered as may be required.—For prices, &c. apply to the Manager at the Works, or to the Secretary, 8a, King William-street, London-bridge.

LIGHTERAGE.—To Saw-Mill Proprietors,

Timber, Slate, and Stone Merchants, or others, requiring Lighterage.—The Advertiser having a large number of Barges is willing to undertake LIGHTERAGE at prices that defy competition.—CHARLES STRUTTON, 34, Ornamental-road, Lambeth.

TO TIMBER, STONE, AND COAL MERCHANTS, BUILDERS, AND OTHERS.

MESSRS. FULLER, LIGHTERMEN and

BARGE BUILDERS, hereby announce that they are prepared to take CONTRACTS FOR LIGHTERAGE of every description, to any extent, in the Docks, River, &c. Also to LET BARGES, by the day, week, or month, of any size or power, fitted up to suit the convenience of any party.—N.B. A large quantity of good DRY KEED for SALE, at 8s. per Hundred cash.—Direct to JOHN FULLER and SON'S, Mill-wall, Poplar.

TARPAULINS for COVERING ROOFS

during Repairs. SCAFFOLD CORD and every description of ROPE used by Builders upon the lowest terms. Marquees and temporary awnings on sale or hire. Orders per post receive the most prompt attention.—WILLIAM THOMITT, 115, Fore Street, City. Manufacturer, by Appointment to Her Majesty's Honourable Board of Ordnance.

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during REPAIRS. SCAFFOLD CORD and every description of ROPE used by Builders upon the lowest terms. Mats, Cloths, Hangings, and temporary Awnings on sale or hire. Sunblinds for shop windows. A large stock of good second-hand Waterproof Cloths to be sold cheap. Tanned netting for fruit trees one penny per square yard, 200 yards for 16s.; 400 yards for 32s.; or 1,000 yards for 5l. Orders per post will meet with immediate attention.—T. EGGINGTON, and Co., 17, Samuel-st., Commercial-road, Pimlico, and manufactory opposite the Bricklayers' Arms Railway Station, Old Kent-road.

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